

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460



Office of Pesticide Programs

**MEMORANDUM**

6/15/2017

**SUBJECT:** Acute Toxicity Review for BARDAC 205M RTU, EPA Reg. No.: 6836-289

**FROM:** Narayanan Parthasarathy  
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Product Science Branch  
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**THRU:** Jenny Tao, Senior Scientist  
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**TO:** Jose Gayoso, PM Team 36 /Timothy Young  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

Registrant: Lonza Inc		
Decision No.: 501668	Submission No.: 999777	E-Sub No.:
DP No.: 438406		Action Code: <b>676</b>
MRID No(s).: 45206503-45206508		

Formulation from label			
PC code(s)	CAS #(s)	Active Ingredient(s)	% weight
069165	32426-11-2	Octyl Decyl dimethyl ammonium chloride	0.0138%
069166	5583-94-3	Diocetyl Dimethyl Ammonium Chloride	0.0055%
069149	7173-51-5	Didecyl dimethyl ammonium chloride	0.0083%
069105	68424-85-1	Alkyl* dimethyl benzyl ammonium chloride *(50%C <sub>14</sub> , 40%C <sub>12</sub> , 10% C <sub>16</sub> )	0.0184%
		Other Ingredients	99.9540%
		Total	100.0000%

## **I. BACKGROUND**

In response to the **PDCI (069105-30933)** the **Registrant, Lonza Inc**, has submitted acute toxicity data to support Reregistration for their product: **BARDAC 205M RTU, EPA Reg. No. 6836-289**. The registrant had provided 8-month response to the Product Data Call-in Notice.

Case #0350 ADBAC- ID# PDCI-069105-30933 Alkyl dimethyl benzyl ammonium chloride

Case #3003 DDAC - ID# PDCI-069149-30855 Didecyl dimethyl ammonium chloride

Case #3003 DDAC - ID# PDCI-069165-30857 Octyl Decyl dimethyl ammonium chloride

Case #3003 DDAC - ID# PDCI-069166-30858 Dioctyl Dimethyl Ammonium Chloride

## **II. RELEVANT DOCUMENTS**

	RECEIVED	N/A
EPA FORM 8570-35 – Data Matrix (10/26/2016)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cover letter (1/12/2016)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Transmittal document	<input type="checkbox"/>	<input type="checkbox"/>
Basic CSF, (12/14/2016)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Proposed label,	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>
Acute Oral Toxicity Study (OSCPP 870.1100)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Acute Dermal Toxicity Study (OSCPP 870.1200)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Acute Inhalation Toxicity Study (OSCPP 870.1300)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Primary Eye Irritation Study (OSCPP 870.2400)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Primary Skin Irritation Study (OSCPP 870.2500)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dermal Sensitization Study (OSCPP 870.2600)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Comments:		

### **III. FINDINGS/RECOMMENDATIONS**

The Chemistry and Toxicology Team (CTT) had reviewed ***BARDAC 205M RTU***, EPA Reg. No **6836-289**, on 12/12/2000 and assigned the following acute toxicity profile.

<b>Study</b>	<b>MRID</b>	<b>Toxicity Category</b>	<b>Status</b>
Acute Oral Toxicity	45206503	IV	Acceptable
Acute Dermal Toxicity	45206504	IV	Acceptable
Acute Inhalation Toxicity	45206505	IV	Acceptable
Primary Eye Irritation	45206506	IV	Acceptable
Primary Skin Irritation	45206507	IV	Acceptable
Dermal Sensitization	45206508	Nonsensitizer	Acceptable

### **CONCLUSION**

- 1) The above Acute Toxicity Profile will be retained for *BARDAC 205M RTU*, EPA Reg. No 6836-289.
- 2) The registrant had provided satisfactory 8-month response to reregistration of the subject product.

### **V. PRODUCT LABELING**

The proposed label with signal word and precautionary statements is acceptable.